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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/587,807	07/28/2006	Yukio Miyata	JFE-06-1181	5332

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EXAMINER

SHEVIN, MARK L

ART UNIT	PAPER NUMBER
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1733

NOTIFICATION DATE	DELIVERY MODE
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11/19/2010

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 10/587,807	Applicant(s) MIYATA ET AL.	
	Examiner MARK L. SHEVIN	Art Unit 1733	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 November 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-5, 7-10, 12-15 and 17-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-5, 7-10, 12-15, 17-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Status of Claims

1. Claims 2-5, 7-10, 12-15, and 17-20, filed November 11th, 2010 are pending. Claims 2 and 4 are amended and claims 1, 6, 11, and 16 are cancelled.

Status of Previous Rejections

2. The previous rejections of claims 2 and 4 under 35 U.S.C. 112, second paragraph in the Office action dated May 21st, 2010 are withdrawn in view of the amendments to claims 2 and 4.
3. The previous rejections of claims 2, 3, 7, 8, 12, 13, 17, and 18 under 35 U.S.C. 1039a) over **Ueda** (EP 1,026,273 A1) in the Office action dated May 21st, 2010 are withdrawn in view of the amendment to claim 2.

Claim Rejections - 35 USC § 103

4. **Claims 2-5, 7-10, 12-15 and 17-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Kimura** (US 5,985,209). The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Kimura:

Kimura discloses (col. 2, lines 35-55) a martensitic stainless steel for a line pipe with the composition as shown in the comparative table below. Steel of Kimura's disclosed composition may be formed into seamless pipe or welded pipe such as electric resistance welded steel pipe, UOE steel pipe, or spiral steel pipe (col. 5, lines

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35-41). Line pipe implicitly has a heat-affected zone formed during welding. Lastly, the steel pipes of Kimura's invention are designed to undergo girth welding, to implicitly join pipes together into a welded structure for transferring oil and natural gas (col. 8, lines 32-44).

Element	Instant claims	Kimura	Overlap
C	0 – 0.01	0 – 0.02	0 – 0.01
N	0 – 0.01	0 – 0.07	0 – 0.01
Cr	10 - 14	10 – 14	10 - 14
Ni	4 - 7	0.2 – 7.0	4 – 7
Si	0.05 – 1.0	0 – 0.5	0.05 – 0.5
Mn	0.1 – 2.0	0.2 – 3.0	0.2 – 2.0
P	0 – 0.3	0 – 0.05	0 – 0.05
S	0 – 0.01	0 – 0.005	0 – 0.005
Al	0.001 – 0.10	0 – 0.1	0.001 – 0.1
Cu	0 – 4	0 – 2.0	0 – 2.0
Co	0 – 4	n/a (0 – imp)	n/a (0 – imp)
Mo	0 – 4	0.2 – 5.0	0.2 – 4
W	0 – 4	n/a (0 – imp)	n/a (0 – imp)
Ti	0 – 0.15	0 – 0.15	0 – 0.15
Nb	0 – 0.10	0 - 0.25	0 – 0.10
V	0.02 – 0.10	0 – 0.20	0.02 – 0.10
Zr	0 – 0.10	0 – 0.15	0 – 0.10
Hf	0 – 0.20	n/a (0 – imp)	n/a (0 – imp)
Ta	0 – 0.20	0 – 0.15	0 – 0.15
Ca	0 – 0.010	0 – 0.006	0 – 0.006
Mg	0 – 0.010	n/a (0 – imp)	n/a (0 – imp)
REM	0 – 0.010	n/a (0 – imp)	n/a (0 – imp)
B	0 – 0.01	n/a (0 – imp)	n/a (0 – imp)
Fe	Balance	Balance	Balance

Regarding claims 2-5, it would have been obvious to one of ordinary skill in stainless steel pipe, at the time of the invention, to select any portion of the claimed

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ranges, including the claimed ranges, from the overlapping ranges disclosed in Kimura because Kimura finds that the prior art composition in the entire disclosed ranges has a suitable utility and the normal desire of scientists or artisans to improve upon what is already generally known provides the motivation to determine where in a disclosed set of percentage ranges is the optimum combination of percentages."); *In re Hoeschele*, 406 F.2d 1403, 160 USPQ 809 (CCPA 1969). From MPEP § 2144.05: In the case where the claimed ranges "overlap or lie inside ranges disclosed by the prior art" a *prima facie* case of obviousness exists. *In re Wertheim*, 541 F.2d 257, 191 USPQ 90 (CCPA 1976); *In re Woodruff*, 919 F.2d 1575, 16 USPQ2d 1934 (Fed. Cir. 1990). In addition, "[A] prior art reference that discloses a range encompassing a somewhat narrower claimed range is sufficient to establish a prima facie case of obviousness." *In re Peterson*, 315 F.3d 1325, 1330, 65 USPQ2d 1379, 1382-83 (Fed. Cir. 2003). Also see, *In re Geisler* 43 USPQ 2d 1365 (Fed. Cir. 1997) and *In re Malagari*, 182 USPQ 549, 554 (CCPA 1974).

With respect to the pipe being "seamless", Kimura taught that his martensitic stainless steel pipes may be seamless (col. 3, lines 10-15 and col. 5, lines 35-41).

With respect to the formula "wherein the content C_{sol} defined...on a mass basis", it is well settled that there is no invention in the discovery of a general formula if it covers a composition described in the prior art, *In re Cooper and Foley* 1943 C.D. 357,553 O.G. 177., 57 USPQ 1 17, *Taklatwalla v. Marburg*, 620 O.G. 685, 1949 C.D. 77, and *In re Pilling*, 403 O.G. 513, 44 F(2) 878, 1931 C.D. 75. In absence of evidence to the contrary, the selection of the proportions of elements would appear to require no

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more than routine investigation by those ordinary skilled in the art; see *In re Austin et al.* 149 USPQ 685, 688. It would have been obvious to one of ordinary skill in the art to select alloy compositions fulfilling the claimed compositional relationships from the alloy compositional ranges disclosed by Kimura.

With respect to claims 2 and 4 reciting "...and martensite in the weld heat affected zone of the steel pipe is substantially free of Cr depleted zones...", one of ordinary skill would reasonably expect the steel pipes of Kimura to possess the claimed properties regarding Cr in the HAZ as Kimura discloses steels of substantially similar compositions. Furthermore, Kimura also seeks to retain Cr in the matrix and avoid Cr-carbide formation (col. 4, lines 52-61), and thus maintain corrosion resistance.

Regarding claim 7-10, it would have been obvious to one of ordinary skill in the stainless steel pipe, at the time of the invention, to form a seamless martensitic stainless steel line pipe with the claimed alloying elements in the claimed ranges as Kimura discloses a martensitic stainless steel for line pipe (Abstract, col. 2, lines 5-10, and claim 1) with overlapping ranges of the claimed alloying elements as discussed in the rejections of claims 2-5, *supra*.

Regarding claims 12-15 and 17-20, it would have been obvious to one of ordinary skill in stainless steel pipe, at the time of the invention, to form a welded structure or a welded structure further welded to a member as the steel pipes of Kimura's invention are designed to undergo girth welding, to implicitly join pipes together into a welded structure for transferring oil and natural gas (col. 8, lines 32-44) and one of ordinary skill would have welded pipes together to form such a pipeline for

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transporting oil and/or natural gas from Kimura. Line pipes are a welded structure and they are implicitly welded together by girth welding to form pipeline for oil/natural gas transport.

5. **Claims 2-5, 7-10, 12-15 and 17-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over **JP '604** (JP 2002-105604 – Full English Translation).

JP '604:

JP '604 discloses a martensitic stainless steel pipe for linepipe having excellent corrosion resistance and weldability (Abstract). The steel pipes of JP '604 may be in the form in seamless steel tubes, welded steel pipes, electroseamed pipes, UOE steel pipe, or spiral weld pipes (para 0024).

JP '604 discloses (para 0011-0022) overlapping composition ranges as shown in the comparative table below:

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Element	Instant claims	JP '604	Overlap
C	0 – 0.01	0 – 0.02	0 – 0.01
N	0 – 0.01	0 – 0.07	0 – 0.01
Cr	10 - 14	10 - 14	10 – 14
Ni	4 - 7	0.2 – 7.0	4 – 7
Si	0.05 – 1.0	0 – 1.0	0.05 – 1.0
Mn	0.1 – 2.0	0.2 – 3.0	0.2 – 2.0
P	0 – 0.3	0 – 0.05	0 – 0.05
S	0 – 0.01	0 – 0.005	0 – 0.005
Al	0.001 – 0.10	0 – 0.1	0.001 – 0.1
Cu	0 – 4	n/a (0 – imp)	n/a (0 – imp)
Co	0 – 4	n/a (0 – imp)	n/a (0 – imp)
Mo	0 – 4	0.2 – 3.0	0.2 – 3.0
W	0 – 4	n/a (0 – imp)	n/a (0 – imp)
Ti	0 – 0.15	0 – 0.15	0 – 0.15
Nb	0 – 0.10	0 – 0.2	0 – 0.10
V	0.02 – 0.10	0 – 0.2	0.02 – 0.10
Zr	0 – 0.10	0 – 0.15	0 – 0.10
Hf	0 – 0.20	n/a (0 – imp)	n/a (0 – imp)
Ta	0 – 0.20	0 – 0.15	0 – 0.15
Ca	0 – 0.010	0 – 0.006	0 – 0.006
Mg	0 – 0.010	n/a (0 – imp)	n/a (0 – imp)
REM	0 – 0.010	n/a (0 – imp)	n/a (0 – imp)
B	0 – 0.01	n/a (0 – imp)	n/a (0 – imp)
Fe	Balance	Balance	Balance

Regarding claims 2-5, it would have been obvious to one of ordinary skill in stainless steel pipe, at the time of the invention, to select any portion of the claimed ranges, including the claimed ranges, from the overlapping ranges disclosed in JP '604 for the same reasons as stated in the rejections over Kimura above, see MPEP § 2144.05.

With respect to the pipe being "seamless", JP '604 discloses that the steel pipes may be manufactured in the form of seamless pipe (para 0024).

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With respect to the formula “wherein the content Csol defined...on a mass basis”, , thus limitation is addressed in the same way as stated in the rejections above over Kimura.

With respect to claims 2 and 4 reciting “...and martensite in the weld heat affected zone of the steel pipe is substantially free of Cr depleted zones...”, one of ordinary skill would reasonably expect the steel pipes of JP ‘604 to possess the claimed properties regarding Cr in the HAZ as JP ‘604 discloses steels of substantially similar compositions and furthermore produces the final steel pipes by a substantially similar process (para 0026 and 0027) as compared to that of the instant invention (instant specification para 0064-0065) including heating the tube after forming to a temperature above the Ac3 point, cooling at faster than air cooling, and then tempering below Ac1.

Where the claimed and prior art products are identical or substantially identical in structure or composition, or are produced by identical or substantially identical processes, a *prima facie* case of either anticipation or obviousness has been established (see MPEP 2112, section V, para 1).

Regarding claim 7-10, it would have been obvious to one of ordinary skill in the stainless steel pipe, at the time of the invention, to form a seamless martensitic stainless steel line pipe with the claimed alloying elements in the claimed ranges as JP ‘604 discloses a martensitic stainless steel for line pipe with overlapping ranges of the claimed alloying elements as discussed in the rejections of claims 2-5, *supra*.

Regarding claims 12-20, it would have been obvious to one of ordinary skill in stainless steel pipe, at the time of the invention, to form a welded structure or a welded

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structure further welded to a member as the steel pipes of JP '604 are designed for use as line pipe, which is are designed to undergo girth (circumferential) welding, to implicitly join pipes together into a welded structure for transferring oil and natural gas (para 0001-0003 and 0031) and one of ordinary skill would have welded pipes together to form such a pipeline for transporting oil and/or natural gas from JP '604. Line pipes are a welded structure and they are implicitly welded together by girth welding to form pipeline for oil/natural gas transport.

Double Patenting

6. **Claims 2-5, 7-10, and 12-20** are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-11 (latest claims in the preliminary amendment filed December 17th, 2009) of copending Application No. 12/665,097 (US '097).

US '097:

US '097 recites (claims 1-3) a martensitic stainless steel seamless pipe for oil country tubular goods with a composition as shown in the comparative table below:

Element	Instant claims	US '097	Overlap
C	0 – 0.01	0 – 0.01	0 – 0.01
N	0 – 0.01	0 – 0.05	0 – 0.01
Cr	10 - 14	10 – 14	10 – 14
Ni	4 - 7	0.1 – 4.0	4.0
Si	0.05 – 1.0	0 – 1.0	0.05 – 1.0
Mn	0.1 – 2.0	0.1 – 2.0	0.1 – 2.0
P	0 – 0.3	0 – 0.020	0 – 0.02
S	0 – 0.01	0 – impurity	0 – impurity
Al	0.001 – 0.10	0 – 0.10	0.001 – 0.10
Cu	0 – 4	0 – 2.0	0 – 2.0
Co	0 – 4	n/a (0 – imp)	n/a (0 – imp)

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Mo	0 – 4	0 – 2.0	0 – 2.0
W	0 – 4	n/a (0 – imp)	n/a (0 – imp)
Ti	0 – 0.15	0 – 0.10	0 – 0.10
Nb	0 – 0.10	0 – 0.10	0 – 0.10
V	0.02 – 0.10	0 – 0.10	0.02 – 0.10
Zr	0 – 0.10	n/a (0 – imp)	n/a (0 – imp)
Hf	0 – 0.20	n/a (0 – imp)	n/a (0 – imp)
Ta	0 – 0.20	n/a (0 – imp)	n/a (0 – imp)
Ca	0 – 0.010	n/a (0 – imp)	n/a (0 – imp)
Mg	0 – 0.010	n/a (0 – imp)	n/a (0 – imp)
REM	0 – 0.010	n/a (0 – imp)	n/a (0 – imp)
B	0 – 0.01	n/a (0 – imp)	n/a (0 – imp)
Fe	Balance	Balance	Balance

Furthermore, US '097 recites (claims 4-11) a substantially similar production method as compared to that of the instant invention (paras 0064-0065 of the instant specification including reheated above Ac3, cooling at a rate greater than air cooling, and tempering below Ac1.

Regarding claims 2-5, these claims are rejected for the same reasons as stated in the rejection of claim 2-5 over Kimura, *supra*, see MPEP 2144.05. With respect to the amendments to claims 2 and 4 reciting "...and martensite in the weld heat affected zone of the steel pipe is substantially free of Cr depleted zones...", these amendments are rejected are obvious for the same reasons as stated for the ODP rejections over US '996 above (see MPEP 2112, section V, para 1).

Regarding claims 7-10, it would have been obvious to one of ordinary skill in the stainless steel pipe, at the time of the invention, to form a seamless martensitic stainless steel line pipe with the claimed alloying elements in the claimed ranges as US '097 discloses a martensitic stainless steel seamless pipe for oil country tubular goods

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which suggests the use of such a pipe to transport oil, hence motivation for producing a line pipe.

Regarding claims 12-20, it would have been obvious to one of ordinary skill in stainless steel pipe, at the time of the invention, to form a welded structure or a welded structure further welded to a member as the steel pipes of US '097 are implicitly designed to be welded into line pipe to thus transport oil.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Response to Applicant's Arguments:

7. Applicant's arguments filed November 11th, 2010 have been fully considered but they are not persuasive.

Applicants' assertions (p. 6, para 3) with respect to Ueda are moot in view of the withdrawal of the rejections based on Ueda as stated in section 3 of the instant Office action.

Applicants assert that:

I. (p. 6, para 4) Neither Kimura nor JP '604 disclose the claimed amount of C_{sol} of less than 0.0050% as recited in claims 2 and 4;

In response, with respect to the compositional formula "wherein the content C_{sol} defined...on a mass basis", it is well settled that there is no invention in the discovery of a general formula if it covers a composition described in the prior art, In re Cooper and Foley 1943 C.D. 357,553 O.G. 177., 57 USPQ 1 17,

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Taklatwalla v. Marburg, 620 O.G. 685, 1949 C.D. 77, and *In re Pilling*, 403 O.G. 513, 44 F(2) 878, 1931 C.D. 75. In absence of evidence to the contrary, the selection of the proportions of elements would appear to require no more than routine investigation by those ordinary skilled in the art. *In re Austin, et al.* 149 USPQ 685,688. It would have been obvious to one of ordinary skill in the art to select alloy compositions fulfilling the claimed compositional relationships from the alloy compositional ranges disclosed by Kimura.

II. (p. 7, para 2) All of the examples of Kimura and JP '604 deviate extensively from the range of the content Csol of less than 0.0050 defined by claims 2 and 4, thus claims 2 and 4 could not be obtained from the disclosures of these references (p. 7, para 3).

In response, this is not persuasive for the same reasons as stated in the response to point I above, with the additional note that "disclosed examples and preferred embodiments do not constitute a teaching away from a broader disclosure or nonpreferred embodiments." See *In re Susi*, 440 F.2d 442, 169 USPQ 423 (CCPA 1971) and MPEP 2123, section II.

III. (p. 8, para 2) Neither Kimura nor JP '604 disclose resistivity of higher IGSCC by preventing Cr carbides from being formed at prior austenite grain boundaries.

In response, this is not persuasive because one of ordinary skill would reasonably expect the steel pipes of Kimura to possess the claimed properties regarding Cr in the HAZ as Kimura discloses steels of substantially similar compositions. Furthermore, Kimura also seeks to retain Cr in the matrix and avoid Cr-

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carbide formation (col. 4, lines 52-61), and thus maintain corrosion resistance. One of ordinary skill would reasonably expect the same of JP '604 as this reference discloses steels of substantially similar compositions and furthermore produces the final steel pipes by a substantially similar process (para 0026 and 0027) as compared to that of the instant invention (instant specification para 0064-0065) including heating the tube after forming to a temperature above the Ac3 point, cooling at faster than air cooling, and then tempering below Ac1.

Where the claimed and prior art products are identical or substantially identical in structure or composition, or are produced by identical or substantially identical processes, a *prima facie* case of either anticipation or obviousness has been established. Furthermore, "when the PTO shows a sound basis for believing that the products of the applicant and the prior art are the same, the applicant has the burden of showing that they are not" and "the PTO can require an applicant to prove that the prior art products do not necessarily or inherently possess the characteristics of his [or her] claimed product. Whether the rejection is based on 'inherency' under 35 U.S.C. 102, on '*prima facie* obviousness' under 35 U.S.C. 103, jointly or alternatively, the burden of proof is the same..." (MPEP 2112, section V, para 1).

IV. (p. 8, para 5) The subject matter of claims 2 and 4 provides an unexpected effect of suppressing the intergranular stress corrosion cracking (IGSCC) without applying, after welding, heat treatment to even martensitic stainless steel.

In response, the Examiner disagrees as Applicants have not produced the evidence needed to support this assertion. The burden is on Applicants to establish

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that the results are unexpected and significant; "mere conclusions in appellants' brief that the claimed polymer had an unexpectedly increased impact strength "are not entitled to the weight of conclusions accompanying the evidence, either in the specification or in a declaration."); *Ex parte C*, 27 USPQ2d 1492 (Bd. Pat. App. & Inter. 1992), See MPEP 716.02, section I.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

-- Claims 2-5, 7-10, 12-15, and 17-20 are finally rejected
-- No claims are allowed

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The rejections above rely on the references for all the teachings expressed in the texts of the references and/or one of ordinary skill in the metallurgical art would have reasonably understood or implied from the texts of the references. To emphasize certain aspects of the prior art, only specific portions of the texts have been pointed out. Each reference as a whole should be reviewed in responding to the rejection, since other sections of the same reference and/or various combinations of the cited references may be relied on in future rejections in view of amendments.

All recited limitations in the instant claims have been met by the rejections as set forth above. Applicant is reminded that when amendment and/or revision is required, applicant should therefore specifically point out the support for any amendments made to the disclosure. See 37 C.F.R. § 1.121; 37 C.F.R. Part §41.37 (c)(1)(v); MPEP §714.02; and MPEP §2411.01(B).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark L. Shevin whose telephone number is (571) 270-3588 and fax number is (571) 270-4588. The examiner can normally be reached on Monday-Friday, 8:30 am to 5:00 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roy V. King, can be reached at (571) 272-1244. The fax number for the organization where this application or proceeding is assigned is (571) 273-8300.

/Mark L. Shevin/
Examiner, Art Unit 1733

10-587,807
November 12th, 2010

/George Wyszomierski/
Primary Examiner
Art Unit 1733